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Date <u>7/9/07</u> Serial #	09/85	0113	Priority Applica	ition Date	
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Source: All Sources > Area of Law - By Topic > Patent Law > Patents > U.S. Patents > Utility Patents

Terms: patno=5902965 (Edit Search)

00019712 5902965 May 11, 1999

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT **5902965**

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May 11, 1999

Electric balance for correcting misloading thereof

REISSUE: May 8, 2001 - Reissue Application filed May 8, 2001 (O.G. Jul. 24, 2001) Ex. Gp.: 2859; Re. S.N. 09/850,113July 24, 2001

INVENTOR: Oldendorf, Christian, Gottingen, DEX; Melcher, deceased, Franz-Josef, late of Hardegsen, DEX; Berg, Christoph, Gottingen, DEX

APPL-NO: 00019712

FILED-DATE: February 6, 1998

GRANTED-DATE: May 11, 1999

PRIORITY: March 5, 1994 - 44 07 433, Germany (DE)

ASSIGNEE-AT-ISSUE: Sartorius AG, Gottingen, DEX

LEGAL-REP: Schellin, Eric P.

PUB-TYPE: May 11, 1999 - Utility Patent having no previously published pre-grant publication (A)

PUB-COUNTRY: United States (US)

REL-DATA:

Addition of Ser. No. 5847328; Addition of Ser. No. 397958, March 3, 1995

US-MAIN-CL: 177#02511

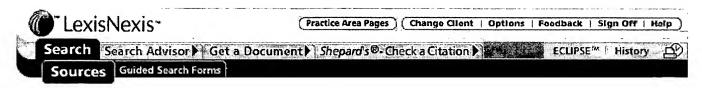
US-ADDL-CL: 141#083, 177#02516, 177#02519

IPC-MAIN-CL: G 01G023#14

IPC ADDL CL: G 01G023#26

SEARCH-FLD: 177#2511, 177#2512, 177#2513, 177#2514, 177#2515, 177#2516, 177#2517,

177#2519, 141#83



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1/1 PLUSPAT - (C) QUESTEL-ORBIT- image

CPIM (C) Ouestel-Orbit

PN - US5902965 A 19990511 [US5902965]

TI - (A) Electric balance for correcting misloading thereof

PA - (A) SARTORIUS GMBH (DE)

IN - (A) OLDENDORF CHRISTIAN (DE); MELCHER FRANZ-JOSEF (DE); BERG CHRISTOPH (DE)

AP - US1971298 19980206 [1998US-0019712]

PR - DE4407433 19940305 [1994DE-4407433]

- US1971298 19980206 [1998US-0019712]

- US39795895 19950303 [1995US-0397958]

IC - (A) G01G-023/14 G01G-023/26

EC - G01G-019/24

- G01G-023/37B

PCL - ORIGINAL (O): 177025110; CROSS-REFERENCE (X): 141083000 177025160 177025190

DT - Basic

CT - US4840239; US5544684

STG - (A) United States patent

- In an electronic balance for loading having a balance scale (3) weighing system, display (19), control keyboard (21 to 26) and a digital processing electronic circuitry in which circuitry at least one memory is present for the weighed value shown in the display (19). A first additional key (25) is present in the control keyboard (21 to 26) upon the actuation of the key the weighed value shown in the display (19) and stored in the digital signal processing electronics is decreased and upon the first actuation of the key the weighed value displayed immediately previously is taken in addition into a first additional memory. Furthermore, a second additional key (24) is present in the control keyboard (21 to 26) upon whose actuation the weighed value displayed in the display (19) is taken into a second additional memory. By means of the decreasing key the balance operator can decreased the display from the too large actual value step-by-step to the correct theortical value. Since the overload is generally only a few numerical steps of the balance display, this is achieved with a few steps. The balance can calculate the percentage overload by storing the balance display prior to the decreasing and during the conclusion of the decreasing and subsequently bring about the same overloading in the known manner for each of the remaining components. This creates the possibility even for simple loading balances without an electronic recipe memory of compensating an inadvertent overloading of a component by means of a overloading of the other components in equal percentage.

1/1 LGST - (C) LEGSTAT

306-5419

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PN - US 5902965 [US5902965]
  AP - US 19712/98 19980206 [1998US-0019712]
  DT - US-P
  ACT - 19980206 US/AE-A
       APPLICATION DATA (PATENT)
       {US 19712/98 19980206 [1998US-0019712]}
      - 19990511 US/A
       PATENT
      - 20010724 US/RF
       REISSUE APPLICATION FILED
       20010508
  UP - 2001-32
  1/1 CRXX - (C) CLAIMS/RRX
  AN - 3146977
  PN - 5,902,965 A 19990511 [US5902965]
  PA - Sartorius AG DE
  PT - E (Electrical)
 ACT - 20010508 REISSUE REQUESTED
        ISSUE DATE OF O.G.: 20010724
        REISSUE REQUEST NUMBER: 09/850113
        EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2859
        Reissue Patent Number:
  UP - 2001-30
  UACT- 2001-07-24
  1/1 PAST - (C) Thomson Derwent
  AN - 200130-001078
  PN - 5902965 A [US5902965]
 DT - A (UTILITY)
OG - 2001-07-24
CO - REA
 ACT - REISSUE APPLICATION FILED
 SH - REISSUE APPLICATION FILED
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PN - CH 689651 A 19990730 [CH-689651]
TI - ELEKTRONISCHE WAAGE ZUM DOSIEREN.
LA - GER
IN - OLDENDORF CHRISTIAN [DE]
PA - SARTORIUS GMBH [DE]
AP - CH 593/95-A 19950302 [1995CH-0000593]
PR - DE 4407433/94-A 19940305 [1994DE-4407433]
IC - G01G-023/14; G01G-023/36
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DT - CH-P
ACTE- 19950302 CH/AE-A
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      {CH 593/95 19950302 [1995CH-0000593]}
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DT - CH-A
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UP - 1999-31
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PN - DE 29503370 U1 19950614 [DE29503370]
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   - SARTORIUS GMBH [DE]
AP - DE 29503370/95-U 19950228 [1995DE-2003370]
PR - DE 29503370/95-U 19950228 [1995DE-2003370]
- DE 4407433/94-A1 19940305 [1994DE-4407433]
IC - G01G-023/16; G01G-019/24
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PN - DE 4407433 Al 19950907 [DE4407433]
TI - ELEKTRISCHE WAAGE ZUM DOSIEREN
IN - OLDENDORF CHRISTIAN [DE]; MELCHER FRANZ-JOSEF [DE]; BERG CHRISTOPH DR
      [DE]
PA - SARTORIUS GMBH [DE]
AP - DE 4407433/94-A 19940305 [1994DE-4407433]
PR - DE 4407433/94-A 19940305 [1994DE-4407433]
IC - G01G-019/414; G01G-023/36; G01G-019/22; G01G-023/14
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PN - DE 4407433 [DE4407433]
AP - DE 4407433/94 19940305 [1994DE-4407433]
DT - DE-P
ACTE- 19940305 DE/AE-A
      DOMESTIC APPLICATION (PATENT APPLICATION)
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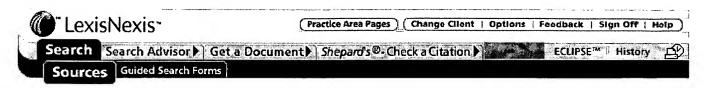
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UP - 1996-24
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PN - DE 4407433 C2 19951214 [DE4407433]
TI - ELEKTRISCHE WAAGE ZUM DOSIEREN
IN - OLDENDORF CHRISTIAN [DE]; MELCHER FRANZ-JOSEF [DE]; BERG CHRISTOPH DR
     [DE]
PA - SARTORIUS GMBH [DE]
AP - DE 4407433/94-A 19940305 [1994DE-4407433]
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PN - US 5847328 A 19981208 [US5847328]
   - ELECTRIC BALANCE FOR CORRECTING MISLOADING THEREOF
IN - OLDENDORF CHRISTIAN [DE]; MELCHER FRANZ-JOSEF [DE]; BERG CHRISTOPH [DE]
PA - SARTORIUS GMBH [DE]
AP - US 397958/95-A 19950303 [1995US-0397958]
PR - DE 4407433/94-A 19940305 [1994DE-4407433]
IC - G01G-023/14; G01G-023/36
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PN - US 5847328 [US5847328]
AP - US 397958/95 19950303 [1995US-0397958]
DT - US-P
ACTE- 19950303 US/AE-A
     APPLICATION DATA (PATENT)
      {US 397958/95 19950303 [1995US-0397958]}
   - 19970227 US/AS02
     ASSIGNMENT OF ASSIGNOR'S INTEREST
     SARTORIUS AG WEENDER LANDSTRASSE 94-108 GOTTINGEN, FED REP GERMANY
     D-37075 * OLDENDORF, CHRISTIAN : 19950227; BERG, CHRISTOPH : 19950227
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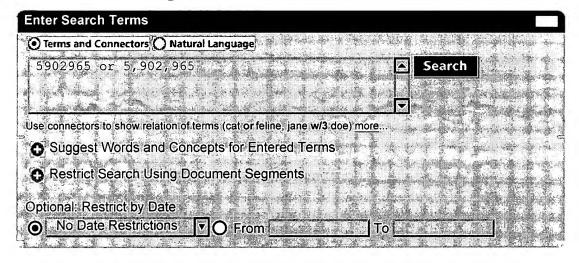
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    - 19981208 US/A
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UP - 2000-05
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PN - US 5902965 A 19990511 [US5902965]
TI - ELECTRIC BALANCE FOR CORRECTING MISLOADING THEREOF
IN - OLDENDORF CHRISTIAN [DE]; MELCHER FRANZ-JOSEF [DE]; BERG CHRISTOPH [DE]
PA - SARTORIUS GMBH [DE]
AP - US 19712/98-A 19980206 [1998US-0019712]
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    - US 397958/95-A1 19950303 [1995US-0397958]
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UP - 2001-32
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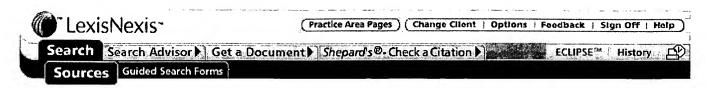
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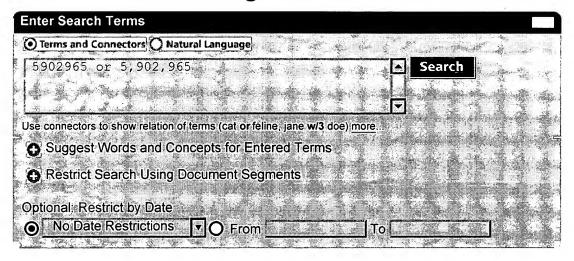
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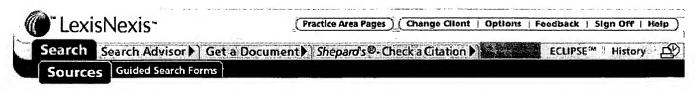
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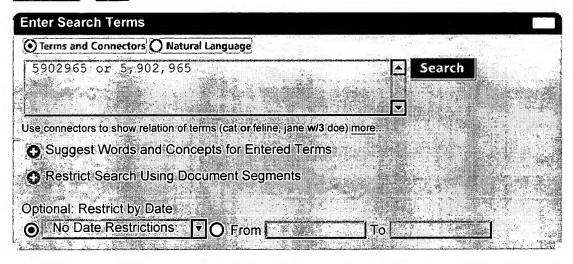
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